

Claims

1. Method for updating a local management system (MS) in at least one network element (NE) of a telecommunication network (TKN), wherein the local management system (MS) consists of at least a network element agent (NE-A), which is stored in a network element management unit (MSU) of the network element (NE), and a network element manager (NE-M), characterized in that

10 an updated network element agent (NE-A) and an updated network element manager (NE-M) are created by a shared generation mechanism (GM) directly from a predetermined management interface specification (IS), and that

at least the updated network element agent (NE-A) is loaded

15 into the network element management unit (MSU) of the network element (NE) which has to be updated.

2. Method according to Claim 1, characterized in that

20 the updated network element manager (NE-M) is stored in a central unit (CU) of the telecommunication network (TKN) or is also loaded into the network element management unit (MSU) of the network element (NE) which has to be updated.

25 3. Method according to Claim 2, characterized in that

the updated network element agent (NE-A) and the updated network element manager (NE-M) are loaded via a data connection, using a data transmission protocol, from a user

30 computer (PC) into the network element management unit (MSU) of the network element (NE) which has to be updated.

4. Method according to Claim 3, characterized in that

the updated network element manager (NE-M) is stored as a JAVA applet, and the loading of the network element manager (NE-M) can be carried out via the Internet data transmission protocol (IP).

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5. Method according to one of the Claims 1 to 4, characterized in that an HTML management interface specification (HTML-IS) in the hypertext markup language (HTML) format is additionally
10 generated by the shared generating mechanism (GM), and is stored together with the updated network element manager (NE-M).

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6. Method according to one of the Claims 1 to 5, characterized in that
the updated network element manager (NE-M) is executed in a Web browser.

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7. Method according to one of the Claims 1 to 6, characterized in that control commands (cc) are generated via the updated network element manager (NE-M), are transmitted to the updated network element agents (NE-A) and are executed by these.

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8. Method according to one of the Claims 1 to 7, characterized in that the shared generating mechanism (GM) is implemented at least partly by means of a parser.

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9. Method according to Claim 8, characterized in that the management interface specification (IS) which is present in American Standard Code for Information Interchange (ASCII) code is converted into a machine-readable code by the shared

generating mechanism (GM).

10. Method according to one of the Claims 1 to 9,
characterized in that

5 the Transaction Language 1 (TL1) management interface is
implemented by means of the management interface specification
(IS).